



CURE

CENTER FOR ULTRASOUND RESEARCH & EDUCATION

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ANATOMY & PHYSIOLOGY ENTRANCE EXAM

APPLICANT INFORMATION

Last Name	First Name	Middle Name
Date of Birth	SSN	Applicant #
License #	State ID # (If applicable)	State Issued
Address 1		
City	State	Zip
Home Phone	Work Phone	Alternate Phone

INSTRUCTIONS

- CURE recommends this exam to be completed in Word or PDF format.
- Please submit electronically to Karen Nussbaumer at cureultrasound@aol.com.
- Electronic submissions will be graded within 24 hours.

Please complete the following for the anatomical structures numbered 1-50 below:

- 1) **Define the FUNCTION of the structure.** Remember that the function does not describe the anatomical location in the body, but rather the job of the structure. What is the job it is performing?
- 2) **Describe a disease process or PATHOLOGY** that can occur in this structure.
- 3) **Describe the CAUSE of the disease or pathology listed above.** Many of the structures may have the same cause of the disease. Please note that if there is no known cause, that is an acceptable answer. If there is no known cause, you may list proven risk factors that lead to the disease.
- 4) **DRAW OR PRINT a good copy of the basic structure and the major vascular structures.** Be sure to include arteries and veins when necessary including the direction of the blood flow when appropriate.

Once you have completed this exam, please return it to CURE for grading. A grade of 83% or better is required to pass this exam. You will have three attempts to achieve this score. GOOD LUCK!

Cerebrovascular

1. Circle of Willis
2. Internal Carotid Arteries
3. External Carotid Arteries
4. Jugular Veins
5. Subclavian Arteries
6. Subclavian Veins
7. Vertebral Arteries
8. Vertebral Veins

Abdominal

9. Liver
10. Gallbladder
11. Spleen
12. Kidneys
13. Pancreas
14. Appendix
15. Aorta
16. Inferior Vena Cava
17. Superior Vena Cava
18. Retroperitoneum
19. Peritoneum

Abdominal Vasculature

20. Portal Veins
21. Hepatic Veins & Artery
22. Renal Arteries & Veins
23. Mesenteric Arteries & Veins

Peripheral Vascular

24. Lower Extremity Arteries
25. Deep Lower Extremity Veins
26. Upper Extremity Arteries
27. Deep Upper Extremity Veins
28. Superficial Lower Extremity Veins
29. Superficial Upper Extremity Veins
30. Digital Arteries
31. Digital Veins

Cardiovascular

32. Atria
33. Ventricles
34. Atrial Septum
35. Ventricular Septum
36. Mitral Valve
37. Aortic Valve
38. Pulmonic Valve
39. Tricuspid Valve
40. Heart Wall Layers

Glandular

41. Thyroid
42. Parathyroid
43. Breast

Male Reproductive System

44. Penis
45. Scrotum
46. Prostate

Female Reproductive System

47. Ovaries
48. Uterus
49. Fallopian Tubes
50. Endometrium

the cure is in our hands